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(21) International Application Number: PCT/FI99/00500 (22) International Filing Date: 9 June 1999 (09.06.99) (30) Priority Data: 981372                      12 June 1998 (12.06.98)                      FI (71) Applicant (for all designated States except US): NOKIA NETWORKS OY [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI). (72) Inventor; and (75) Inventor/Applicant (for US only): REPONEN, Kari [FI/FI]; Kukkulantie 15, FIN-90910 Kontio (FI). (74) Agent: PATENTTITOIMISTO TEKNOLOGIS KOLSTER OY; c/o Kolster OY AB, Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).		(81) Designated States: AE, AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> <i>In English translation (filed in Finnish).</i>	

(54) Title: METHOD OF SENDING TIME SLOTS IN BASE STATION SYSTEM AND SUCH A SYSTEM

## (57) Abstract

The invention relates to a method of transmitting time slots in a base station system, and a base station system. In the method (702), certain transmission powers are defined as a normal transmission power, and (704) for each time slot a transmission power to be used is determined. In accordance with the invention (706), time slots to be transmitted at a higher transmission power than normal are transmitted alternately, using at least two different transceivers in order to minimize heat build-up in the transceivers.

